



Substitute for form 1449/PTO

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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Sheet 1 of 2

Complete if Known

Application Number	10/684,268
Filing Date	October 10, 2003
First Named Inventor	MONTERO-JULIAN, Felix A.
Art Unit	1644
Examiner Name	POSTER, Christine E. /Marianne DiBrino/
Attorney Docket Number	2512.0230001/KWM/C-K

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/M.D./	US1	4,048,298	09/13/1977	Niswender	
	US2	4,120,945	10/17/1978	Gutcho et al.	
	US3	4,228,237	10/14/1980	Hevey et al.	
	US4	4,478,946	10/23/1984	Van der Merwe et al.	
	US5	5,534,416	07/09/1996	Millard et al.	
	US6	5,583,031	12/10/1996	Stern	
	US7	5,734,023	03/31/1998	Nag et al.	
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	US9	6,037,135	03/14/2000	Kubo et al.	
	US10	6,355,479	03/12/2002	Webb et al.	
	US11	6,419,931	07/16/2002	Vitiello et al.	
	US12	2002/0006903 A1	01/17/2002	Schneck et al.	
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	US14	2003/0191286 A1	10/09/2003	Hildebrand et al.	
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	US16	2004/0072262 A1	04/15/2004	Montero-Julian et al.	
	US17	2004/0253632 A1	12/16/2004	Rhode et al.	

FOREIGN PATENT DOCUMENTS

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/M.D./	FP1	WO 92/07952 A1	05/14/1992	Immunologic Plasma Corp. et al. Rothbard et al	T ⁶
	FP2	WO 95/04817 A1	02/16/1995	CytoCorp. Celis et al	
	FP3	WO 97/00067 A1	01/03/1997	University of Victoria- Nano, F.	
	FP4	WO 97/004085 A1	02/06/1997	Dechokeri Mammom et al. Endl et al	Abstract only
	FP5	WO 97/09429 A2	03/13/1997	Corixa Corp. Reed et al	
	FP6	WO 98/23690 A1	06/04/1998	Eastman Chemical Co. Weaver et al	
	FP7	WO 01/90747 A2	11/29/2001	Sunol Molecular Corp. Acevedo et al	

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Attorney Docket Number	2512 0230001/KWM-C-K

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Attorney Docket Number	2512.0230001/KWM/C-K

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/M.D./	NPL1	BODINIER, M., <i>et al.</i> , "Efficient detection and immunomagnetic sorting of specific T cells using multimers of MHC class I and peptide with reduced CD8 binding," <i>Nat. Med.</i> 6:707-710, Nature Publishing Company (2000)	
	NPL2	BUUS, S., <i>et al.</i> , "The Relation Between Major Histocompatibility Complex (MHC) Restriction and the Capacity of Lymphocytes to Bind Immunogenic Peptides," <i>Science</i> 235:1353-1358, American Association for the Advancement of Science (1987)	
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	NPL5	CELIS, E., <i>et al.</i> , "Induction of anti-tumor cytotoxic T lymphocytes in normal humans using primary cultures and synthetic peptide epitopes," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:2105-2109, National Academy of Sciences (1994)	
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	NPL7	DORNMAIR, K., <i>et al.</i> , "Structural Intermediates in the Reactions of Antigenic Peptides with MHC Molecules," <i>Cold Spring Harbor Symp. Quant. Biol.</i> 54:409-416, Cold Spring Harbor Laboratory Press (1989)	
	NPL8	GELUK, A., <i>et al.</i> , "Identification of Major Epitopes of <i>Mycobacterium tuberculosis</i> AG85B That Are Recognized by HLA-A*0201-Restricted CD8 ⁺ T Cells in HLA-Transgenic Mice and Humans," <i>J. Immunol.</i> 165:6463-6471, The American Association of Immunologists (2000)	
↓	NPL9	GERRITSMA, J.S.J., <i>et al.</i> , "The Constant Domain of IgG Is a Possible Target Antigen for Immunotherapy of B Cell Malignancies in HLA-A1 Mismatched Transplantation," <i>Blood</i> 98:404a-405a, The American Society of Hematology (December 2001)	
/M.D./	NPL10	GORGIA, J.C., <i>et al.</i> , "Purification and Characterization of Class II Histocompatibility Antigens from a Homozygous Human B Cell Line," <i>J. Biol. Chem.</i> 262:16087-16094, The American Society for Biochemistry and Molecular Biology (1987)	

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Art Unit	1644 1644
Examiner Name	POSTER, Christine E. /Marianne DiBrino/
Attorney Docket Number	2512.0230001/KWM/C-K

DiBrino/

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
/M.D./	NPL11	HANSEN, T.H., and SACHS, D.H., "Chapter 16: The Major Histocompatibility Complex," in <i>Fundamental Immunology 2nd Ed.</i> , Paul, W.E., ed., Raven Press Publishing, New York, NY, pp 445-487 (1989)	
	NPL12	HENDERSON, R.A., <i>et al.</i> , "Direct identification of an endogenous peptide recognized by multiple HLA-A2.1-specific cytotoxic T cells," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 90:10275-10279, National Academy of Sciences (1993)	
	NPL13	HENGEL, H., <i>et al.</i> , "Frequency of Herpes Simplex Virus-Specific Murine Cytotoxic T Lymphocyte Precursors in Mitogen- and Antigen-Driven Primary <i>in vitro</i> T Cell Responses," <i>J. Immunol.</i> 139:4196-4202, The American Association of Immunologists (1987)	
	NPL14	HERR, W., <i>et al.</i> , "Detection and quantification of blood-derived CD8 ⁺ T lymphocytes secreting tumor necrosis factor α in response to HLA-A2.1-binding melanoma and viral peptide antigens," <i>J. Immunol. Methods</i> 191:131-142, North-Holland Publishing Co. (1996)	
	NPL15	HERR, W., <i>et al.</i> , "The use of computer-assisted video image analysis for the quantification of CD8 ⁺ T lymphocytes producing tumor necrosis factor α spots in response to peptide antigens," <i>J. Immunol. Methods</i> 203:141-152 North-Holland Publishing Co. (1997)	
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	NPL17	HÖRIG, H., <i>et al.</i> , "An <i>in vitro</i> study of the dynamic features of the major histocompatibility complex class I complex relevant to its role as a versatile peptide-receptive molecule," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 94:13826-13831, National Academy of Sciences (1997)	
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↓	NPL19	HUNKAPILLER, M.W., <i>et al.</i> , "Isolation of Microgram Quantities of Proteins from Polyacrylamide Gels for Amino Acid Sequence Analysis," <i>Methods Enzymol.</i> 91:227-236, Academic Press (1983)	
/M.D./	NPL20	KADIVAL, G.V., <i>et al.</i> , "Characterization of Serologic and Cell-Mediated Reactivity of a 38-kDa Antigen Isolated from <i>Mycobacterium tuberculosis</i> ," <i>J. Immunol.</i> 139:2447-2451, The American Association of Immunologists (1987)	

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/684,268
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/M.D./	NPL21	KAWAKAMI, Y., <i>et al.</i> , "Cloning of the gene coding for a shared human melanoma antigen recognized by autologous T cells infiltrating into tumor," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:3515-3519, National Academy of Sciences (1994)			
	NPL22	KAWAKAMI, Y., <i>et al.</i> , "Identification of the Immunodominant Peptides of the MART-1 Human Melanoma Antigen Recognized by the Majority of HLA-A2-restricted Tumor Infiltrating Lymphocytes," <i>J. Exp. Med.</i> 180:347-352, Rockefeller University Press (1994)			
	NPL23	KUHNS, J.J., <i>et al.</i> , "Poor Binding of a HER-2/neu Epitope (GP2) to HLA-A2.1 Is Due to a Lack of Interactions with the Center of the Peptide," <i>J. Biol. Chem.</i> 274:36422-36427, The American Society for Biochemistry and Molecular Biology (1999)			
	NPL24	MAEURER, M.J., <i>et al.</i> , "Improved Detection of Melanoma Antigen-Specific T Cells Expressing Low or High Levels of CD8 by HLA-A2 Tetramers Presenting a Melan-A/Mart-1 Peptide Analogue," <i>Int. J. Cancer</i> 97:64-71, Wiley-Liss, Inc. (January 2002)			
	NPL25	MALE, D., "Chapter 2: Antibodies and Antigens," in <i>Immunology: An Illustrated Outline</i> , Bennet, D., ed., Gower Medical Publishing, London, England, p.19-34 (1986)			
	NPL26	MARX, J.L., "Histocompatibility Restriction Explained," <i>Science</i> 235:843-844, American Association for the Advancement of Science (1987)			
	NPL27	MEN, Y., <i>et al.</i> , "Assessment of Immunogenicity of Human Melan-A Peptide Analogues in HLA-A*0201/K ^b Transgenic Mice," <i>J. Immunol.</i> 162:3566-3573, The American Association of Immunologists (1999)			
	NPL28	ROBINSON, M.A., and KINTD, T.J., "Chapter 17: Major Histocompatibility Complex Antigens and Genes," in <i>Fundamental Immunology 2nd Ed.</i> , Paul, W.E., ed., Raven Press Ltd., New York, NY, pp 489-539 (1989)			
↓	NPL29	ROITT, I.M., <i>et al.</i> , eds., "Chapter 5: Antibody Structure and Function," in <i>Immunology</i> , Gower Medical Publishing, London, England, p.5.7, (1986)			
/M.D./	NPL30	RUPPERT, J., <i>et al.</i> , "Prominent Role of Secondary Anchor Residues in Peptide Binding to HLA-A2.1 Molecules," <i>Cell</i> 74:929-937, Cell Press (1993)			

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/M.D./	NPL31	SAMELSON, L.E., <i>et al.</i> , "T Cell Antigen Receptor Phosphorylation Induced by an Anti-Receptor Antibody," <i>J. Immunol.</i> 139:2708-2714, The American Association of Immunologists (1987)	
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	NPL35	Springfrog, "Temperature Converter," accessed online at http://springfrog.com/converter/temperature.htm , 2 pages (accessed 2008)	
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/M.D./	NPL37	TSIEN, R.Y., <i>et al.</i> , "T-cell mitogens cause early changes in cytoplasmic free Ca^{2+} and membrane potential in lymphocytes," <i>Nature</i> 295:68-71, Nature Publishing Group (1982)	
/M.D./	NPL38	TSOMIDES, T.J., <i>et al.</i> , "An optimal viral peptide recognized by CD8 ⁺ T cells binds very tightly to the restricting class I major histocompatibility complex protein on intact cells but not to the purified class I protein," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 88:11276-11280, National Academy of Sciences (1991)	
/M.D./	NPL39	TURNER, M.J., <i>et al.</i> , "Purification of Papain-solubilized Histocompatibility Antigens from a Cultured Human Lymphoblastoid Line, RPMI 4265," <i>J. Biol. Chem.</i> 250:4512-4519, American Society for Biochemistry and Molecular Biology (1975)	
/M.D./	NPL40	VALMORI, D., <i>et al.</i> , "Diversity of the Fine Specificity Displayed by HLA-A*0201-Restricted CTL Specific for the Immunodominant Melan-A/MART-1 Antigenic Peptide," <i>J. Immunol.</i> 161:6956-6962, The American Association of Immunologists (1998)	

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/M.D./	NPL41	VAN DER BURG, S.H., <i>et al.</i> , "An HLA Class I Peptide-Binding Assay Based on Competition for Binding to Class I Molecules on Intact Human B Cells. Identification of Conserved HIV-1 Polymerase Peptides Binding to HLA-A*0301," <i>Hum. Immunol.</i> 44:189-198, Elsevier/North-Holland (1995)	
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Examiner Signature	/Marianne DiBrino/	Date Considered	09/19/2008
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**FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/684,268
Filing Date	October 10, 2003
First Named Inventor	MONTERO-JULIAN, Felix A.
Art Unit	1644 1644
Examiner Name	POSTER, Christine E. /Marianne DiBrino/
Attorney Docket Number	2512.0230001/KWM/C-K

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T‡
/M.D./	NPL51	GRETEN, T.F., and SCHNECK, J.P., "Development and Use of Multimeric Major Histocompatibility Complex Molecules," <i>Clin. Diagn. Lab. Immunol.</i> 9:216-220, American Society for Microbiology (March 2002)	
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	NPL55	OGG, G.S., and MCMICHAEL, A.J., "HLA-peptide tetrameric complexes," <i>Curr. Opin. Immunol.</i> 10:393-396, Current Biology (1998)	
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<i>Complete if Known</i>	
Application Number	10/684,268
Filing Date	October 10, 2003
First Named Inventor	MONTERO-JULIAN, Felix A.
Art Unit	1644 1644
Examiner's Name	FOSTER, Christine E. / Marianne DiBrino
Attorney Docket Number	2512 0230001/KWM/C-K

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